

Name _____

Ratios and Proportions Word Problems 1

1. Samantha wants to make lemonade. She uses 2 lemons to make 1 cup of lemon juice. How many lemons does she need to make 4 cups of lemon juice?
2. In a recipe, the ratio of flour to sugar is 3:2. If you need 4 cups of sugar, how many cups of flour do you need?
3. A box contains 24 red marbles and 36 blue marbles. What is the ratio of red marbles to blue marbles?
4. A garden has 15 roses and 30 tulips. What is the ratio of roses to the total number of flowers?
5. A school choir has 12 girls and 8 boys. What is the ratio of girls to the total number of choir members?
6. A recipe for pancakes calls for 2 cups of flour and 1 cup of milk. If you want to make 12 pancakes, how many cups of flour and milk do you need?
7. In a bag of candies, the ratio of green candies to red candies is 4:5. If there are 36 green candies, how many red candies are there?
8. A toy store sells cars and trucks. The ratio of cars to trucks is 2:3. If there are 18 cars, how many trucks are there?
9. A jar contains 20 blue marbles and 30 green marbles. What is the ratio of blue marbles to the total number of marbles?
10. A recipe for a fruit salad calls for 2 apples and 3 bananas. If you want to make 15 servings of fruit salad, how many apples and bananas do you need?

